

**SYSTEM AND METHOD FOR PRESENTING
TEXT UPON THE DISPLAY OF A SERVER THAT
EMPLOYS AN X WINDOW GRAPHICAL INTERFACE**

5

ABSTRACT OF THE DISCLOSURE

A system and method are disclosed for a Java X font server, capable of displaying high quality text images on a remote display over a network based on the X Window graphical interface. This system and method avoids reliance on the rasterizer in the X server. The Java X font server runs in the client computer and creates the glyphs corresponding to the text to be displayed, using the high performance font rasterizer within the JVM. When the client needs to display text, it makes a request of the X server. If the necessary glyphs are not locally available in the X server, the request is relayed to the Java X font server. The Java X font server then generates the glyphs and transmits them to the X server, where they are cached for subsequent use.

PCT/US2001/0259US1